

Class	Subclass	
ISSUE CLASSIFICATION		

~~PATENT NUMBER~~

**U.S. UTILITY Patent Application**

**ABANDONED**

**O.J.P.E.**

PATENT DATE

TR  
SCANNED 155(3) o.a. Am

APPLICATION NO. 09/782305	CONT/PRIOR F	CLASS 202	SUBCLASS 99	ART UNIT 1764	EXAMINER Knoke
------------------------------	-----------------	--------------	----------------	------------------	-------------------

TITLE	APPLICANTS
1. Chief Executive Officer	1. Mr. [Name]
2. Chief Financial Officer	2. Mr. [Name]
3. Chief Operating Officer	3. Mr. [Name]
4. Chief Marketing Officer	4. Mr. [Name]
5. Chief Technology Officer	5. Mr. [Name]
6. Chief Human Resources Officer	6. Mr. [Name]
7. Chief Legal Officer	7. Mr. [Name]
8. Chief Information Officer	8. Mr. [Name]
9. Chief Compliance Officer	9. Mr. [Name]
10. Chief Sustainability Officer	10. Mr. [Name]
11. Chief Security Officer	11. Mr. [Name]
12. Chief Risk Officer	12. Mr. [Name]
13. Chief Procurement Officer	13. Mr. [Name]
14. Chief Quality Officer	14. Mr. [Name]
15. Chief Innovation Officer	15. Mr. [Name]
16. Chief Data Officer	16. Mr. [Name]
17. Chief Customer Officer	17. Mr. [Name]
18. Chief Partnerships Officer	18. Mr. [Name]
19. Chief Communications Officer	19. Mr. [Name]
20. Chief Governance Officer	20. Mr. [Name]

Wolfram Buerst  
Horst Hartmann  
Gerd Kabel  
Guido Harms

Dividing wall column for fractionation of a multicomponent mixture

PTO-2040  
12/99**ISSUING CLASSIFICATION**[illegible]

<input type="checkbox"/> <b>TERMINAL DISCLAIMER</b>	<b>DRAWINGS</b>		<b>CLAIMS ALLOWED</b>	
	Sheets Drwg.	Figs. Drwg.	Print Fig.	Total Claims
<input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed.	_____ (Assistant Examiner) (Date)		<b>NOTICE OF ALLOWANCE MAILED</b>	
	<input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S Patent. No. _____ _____ _____		<b>ISSUE FEE</b>	
	_____ (Primary Examiner) (Date)		Amount Due	Date Paid
<input type="checkbox"/> The terminal _____ months of this patent have been disclaimed.	_____ (Legal Instruments Examiner) (Date)		<b>ISSUE BATCH NUMBER</b>	
<b>WARNING:</b> The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 361. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.				

Form PTO-436A  
(Rev. 6/99)

FILED WITH: ☐ DISK (CRF) ☐ FICHE ☐ CD-ROM  
(Attached in pocket on right inside flap)

(FACE)

STAPLE

AREA

★ U.S. GOVERNMENT PRINTING OFFICE: 1998-446-168

PATENT NUMBER

APPLICATION SERIAL NUMBER

APPLICANT'S NAME (PLEASE PRINT)

IF REISSUE, ORIGINAL PATENT NUMBER

## INTERNATIONAL CLASSIFICATION

B	0	1	D

3 / 16

PTO 270  
(REV. 5-91)

## ORIGINAL CLASSIFICATION

CLASS

SUBCLASS

203

99

## CROSS REFERENCE(S)

CLASS

SUBCLASS  
(ONE SUBCLASS PER BLOCK)

196

111

202

15B

203

100

Dig. 21

261

Dig. 72

560

55

562

465

GROUP  
ART UNIT

ASSISTANT EXAMINER (PLEASE STAMP OR PRINT FULL NAME)

PRIMARY EXAMINER (PLEASE STAMP OR PRINT FULL NAME)

ISSUE CLASSIFICATION SLIP

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

STAPLE

AREA

★ U.S. GOVERNMENT PRINTING OFFICE: 1998-446-168

PATENT NUMBER

APPLICATION SERIAL NUMBER

APPLICANT'S NAME (PLEASE PRINT)

IF REISSUE, ORIGINAL PATENT NUMBER

## INTERNATIONAL CLASSIFICATION


GROUP  
ART UNIT

## ORIGINAL CLASSIFICATION

CLASS

SUBCLASS

## CROSS REFERENCE(S)

CLASS

SUBCLASS  
(ONE SUBCLASS PER BLOCK)GROUP  
ART UNIT

ASSISTANT EXAMINER (PLEASE STAMP OR PRINT FULL NAME)

PRIMARY EXAMINER (PLEASE STAMP OR PRINT FULL NAME)

PTO 270  
(REV. 5-91)

ISSUE CLASSIFICATION SLIP

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE